

Ames Area MPO Policy Committee Presentation

07/14/20



Vision, Goals & Objectives Input

Issues / Visioning Process

Multiple Sources of Input

- Regional Travel Survey
- In-Person Visioning Open House
- Online Visioning Open House
- Transportation Technical Committee

Regional Travel Survey

Purpose:

- Perceptions on transportation issues
- Methods of transportation used
- Concerns regarding traffic safety

Method:

- Random sample of residents
- 404 surveys completed
- +/- 4.8% at the 95% level of confidence

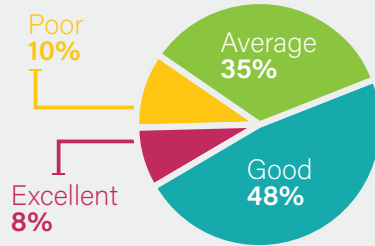
The **Ames Area Metropolitan Planning Organization (AAMPO)** conducted a regional transportation survey of residents during fall 2019 in support of the Forward 2045 Metropolitan Transportation Plan update.

404 people were surveyed regarding multi-modal transportation issues and opportunities relating to transportation planning and improvements within the region. Survey results told a story about how Ames residents feel about the **current state of the transportation system** and hopes for the **future of the transportation system**.

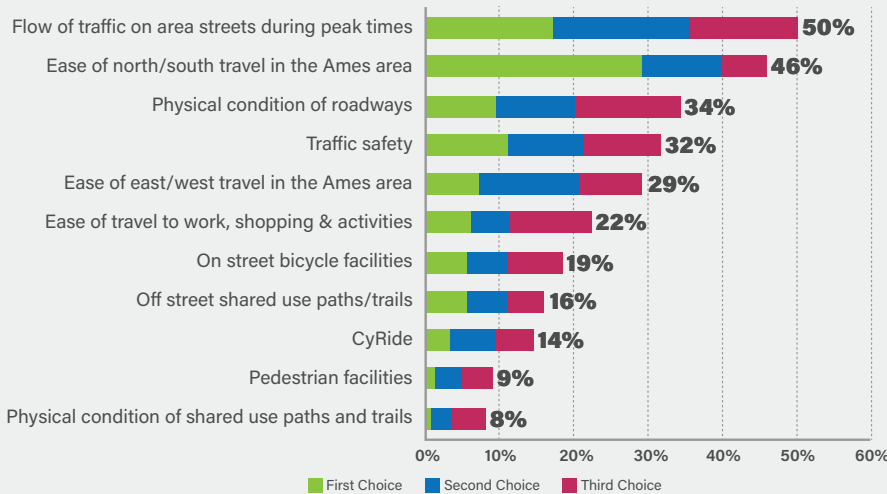
The Current Ames Transportation System

Overall

Would you rate the transportation system in the Ames area as excellent, good, average, or poor?



Most important transportation issues:



Key sentiment across multiple modes:



ROADWAYS

- 30% of respondents are dissatisfied with the physical condition of roadways.



BICYCLE FACILITIES

- 19% of respondents feel safe or very safe on major streets without bike lanes.
- 42% of respondents feel safe or very safe on streets with an on-street bike lane.
- 79% of respondents feel safe or very safe on shared use paths or trails.



PEDESTRIAN FACILITIES

- 74% of respondents feel safe or very safe walking or using a wheelchair on shared-use paths or trails where they live.

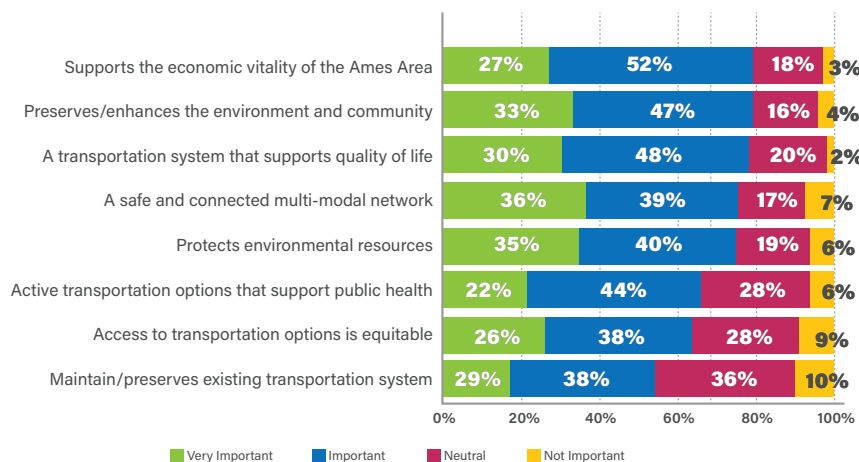


TRANSIT

- 76% of respondents rate the availability of public transit in Ames good or excellent.

The Future of the Ames Transportation System

Importance of Long-Range Goals:



As the AAMPO plans for the future, the most important characteristics to consider for the Ames transportation system include:

- Facilitating reliable & efficient travel
- Providing safe transportation options
- Ensuring ease of connecting to destinations

Visioning Open House Results

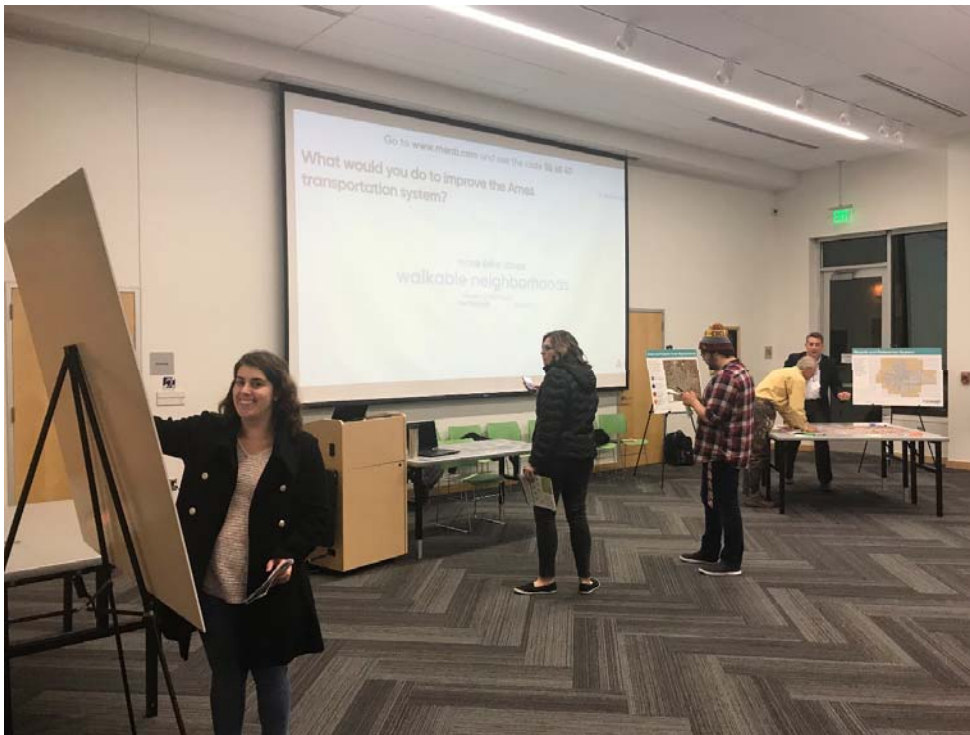
In-Person Visioning Open House

- November 14, 2019 at the Ames Public Library
- Approximately **40** in-person attendees

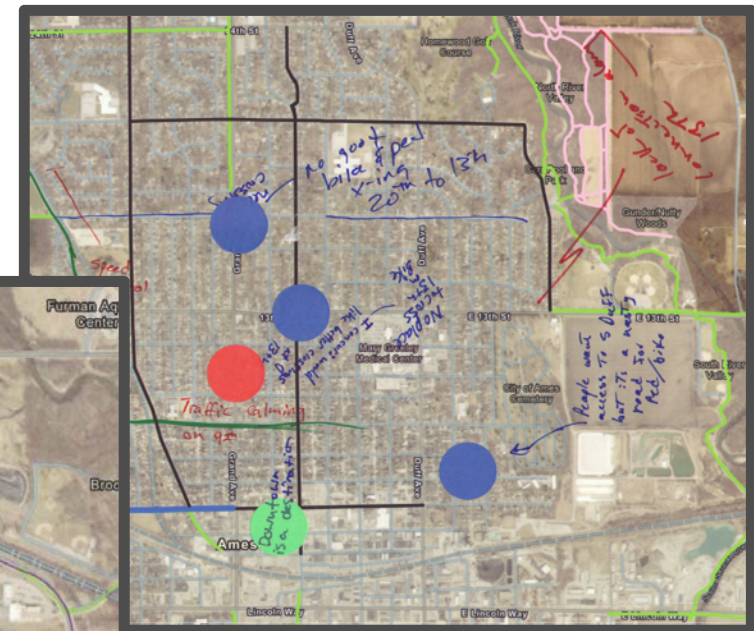
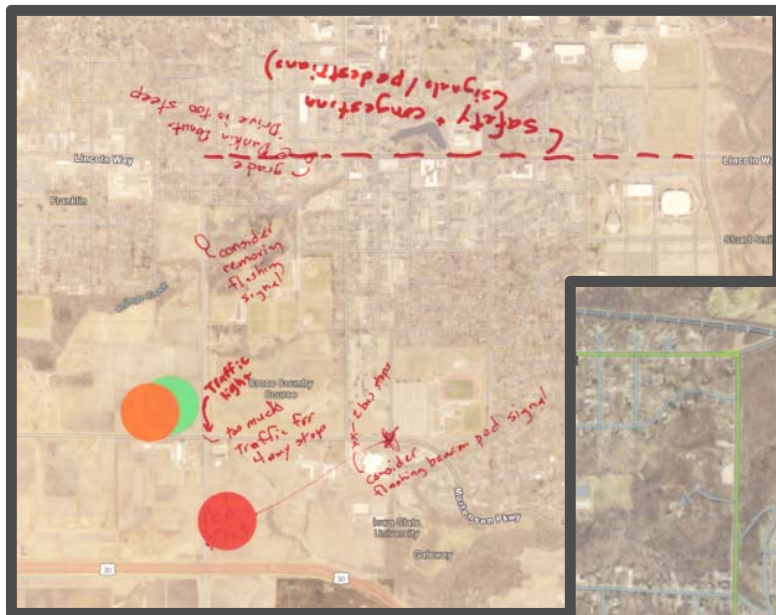
Online Visioning Open House

- Open November 14 – November 27, 2019
- **91** total visits

Visioning Open House Results



Issues Mapping Exercise



Visioning Open House Results

What would you do to improve the Ames transportation system?

Mentimeter



Transportation Vision Priorities Excercise

ACCESSIBLE

The ease of connecting people to goods and services in the Ames area, as well as providing choices for different modes of transportation (car, bike, bus, etc.)

SAFETY

Reducing the risk of harm to users of the Ames transportation system

HEALTH

Supporting mobility choices that improve personal and community health and well-being

SUSTAINABLE

Reducing or eliminating negative environmental impacts from the Ames transportation system and promoting financially sustainable investments

EFFICIENCY AND RELIABILITY

Provide for the efficient and reliable movement of people, services, and goods

PLACEMAKING

Integrating the transportation system with land use to create well-designed places and complete communities

INNOVATIVE

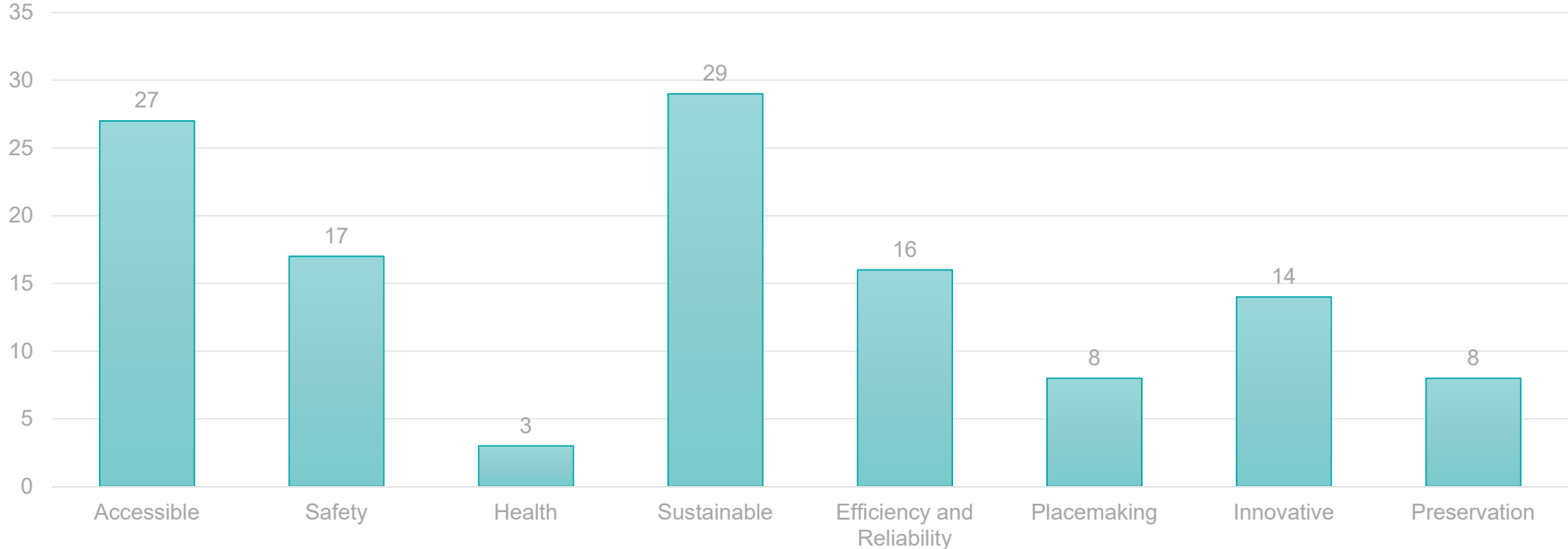
Incorporate emerging trends and technologies into the transportation system

PRESERVATION

Maintain the existing transportation system in a state of good repair

Visioning Open House Results

Transportation Vision Priorities

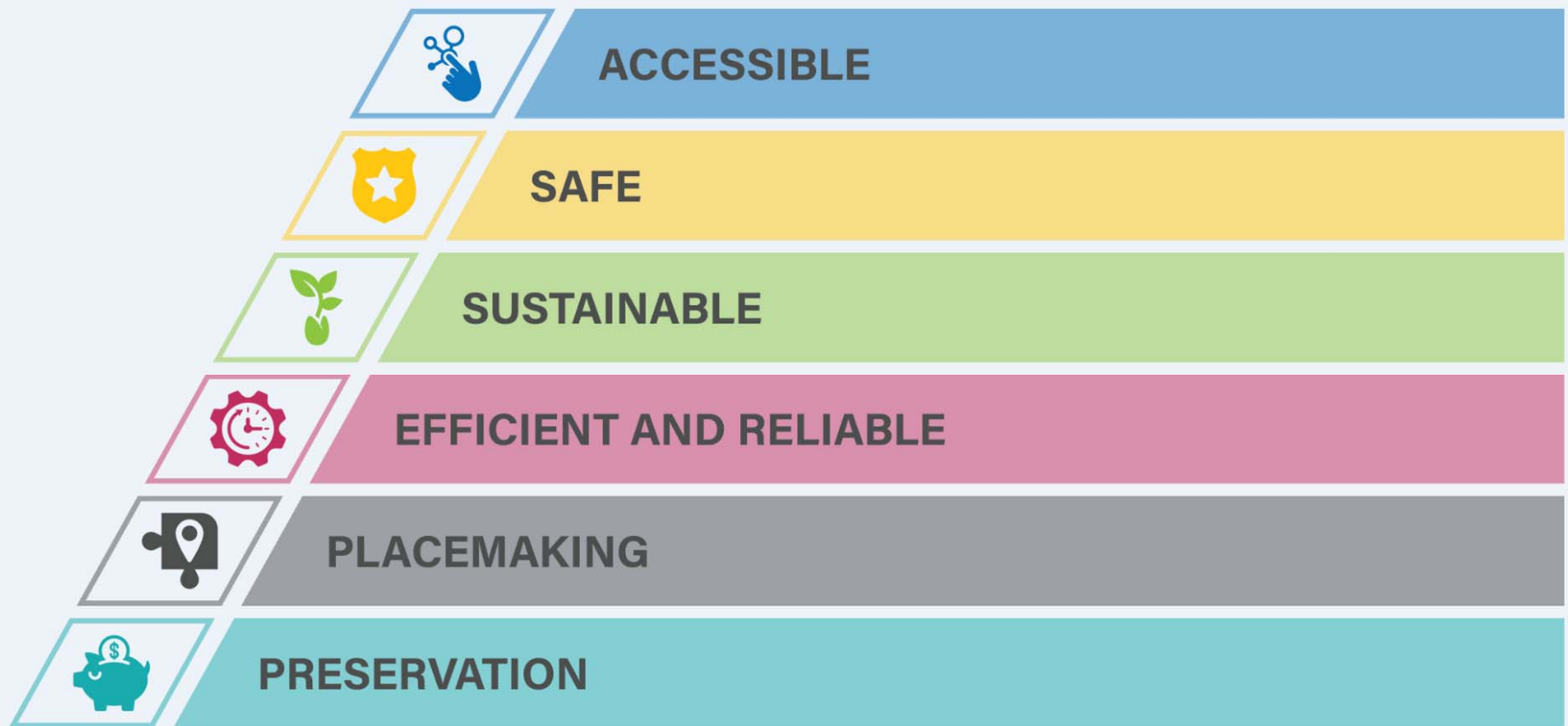


Vision, Goals & Objectives Development

Forward 45 Vision Statement

*“The Ames area future transportation plan delivers **safe**, **efficient** and **reliable** solutions that are **accessible** to all users. The plan focuses on **preserving** the existing network and shaping the public realm through **placemaking**, while providing long-term **sustainability**.”*

Goal Areas



Federal Requirements

- FHWA & FTA Performance Measures
 - *Safety*
 - *Transit Asset Management*
 - *Pavement*
 - *Bridge*
 - *System Performance*
 - *Freight*
 - *Transit Safety*




Federal Requirements

- Federal Planning Factors - 23 U.S.C. 135 (d)(1)
 - *Economic Vitality*
 - *Safety*
 - *Accessibility & Mobility*
 - *Environment, Energy Conservation & Quality of Life*
 - *Integration & Connectivity*
 - *System Management & Operations*
 - *Preservations*
 - *Resiliency & Reliability*
 - *Travel & Tourism*




Forward 45 – Goals & Objectives

Goal Area		Objectives
	Accessible	<ul style="list-style-type: none"> • Improve walk, bike, and transit system connections • Provide appropriate arterial and collector spacing • Improve bicycle and pedestrian access to CyRide routes • Provide improved access to transit for transit dependent, disabled, and disadvantaged populations • Incorporate bicycle, pedestrian, and transit-friendly infrastructure in new developments
	Safe	<ul style="list-style-type: none"> • Reduce number and rate of crashes • Reduce the number of bicycle and pedestrian crashes • Reduce number and rate of serious injury and fatal crashes • Identify strategies and projects that improve user safety for all modes • Prioritize projects that improve the Ames Safe Routes to School Program
	Sustainable	<ul style="list-style-type: none"> • Reduce transportation impacts to natural resources • Make transportation infrastructure more resilient to natural and manmade events • Limit transportation system emissions of greenhouse gases • Promote financially sustainable transportation system investments • Promote transportation decisions that follow State of Iowa Smart Planning Principles
	Efficient and Reliable	<ul style="list-style-type: none"> • Identify context-sensitive strategies and projects that improve traffic flow in corridors with high levels of peak period congestion. • Maintain acceptable travel reliability on Interstate and principal arterial roadways • Provide frequent transit service to high trip generation locations • Increase the regional share of trips made by walking, biking, and transit • Improve freight system reliability • Identify technology solutions to enhance system operation
	Placemaking	<ul style="list-style-type: none"> • Provide transportation strategies and infrastructure that support current adopted plans • Increase the percentage of population and employment within close proximity to transit and/or walking and biking system • Provide transportation investments that fit within their context • Connect activity centers and adjoining developments with complete streets
	Preservation	<ul style="list-style-type: none"> • Maintain NHS routes in good condition while minimizing routes in poor condition • Maintain NHS bridges in good condition while minimizing bridges in poor condition

Goals & Objectives – Planning Factors

Goal	Objectives	Federal Planning Factors									
		1 - Economic Vitality	2 - Safety	3 - Security	4 - Accessibility and Mobility for People and Freight	5 - Environment and Energy Conservation, Quality of Life, Economic Development	6 - System Integration and Connectivity for People and Freight	7 - Efficient Operation and Management	8 - Preserve the existing transportation system	9 - System Resiliency and Reliability; reduce or mitigate stormwater impacts	10 - Enhance Travel and Tourism
Accessible											
	Improve walk, bike, and transit system connections				▲	▲	▲				▲
	Provide appropriate arterial and collector spacing				▲		▲	▲			
	Improve bicycle and pedestrian access to CyRide routes				▲	▲	▲				
	Provide improved access to transit for transit dependent, disabled, and disadvantaged populations				▲	▲	▲				
	Incorporate bicycle, pedestrian, and transit-friendly infrastructure in new developments				▲	▲	▲				
Safe											
	Reduce number and rate of crashes		▲								
	Reduce the number of bicycle and pedestrian crashes		▲								
	Reduce number and rate of serious injury and fatal crashes		▲								
	Identify strategies and projects that improve user safety for all modes		▲								
	Prioritize projects that improve the Ames Area Safe Routes to School Program		▲								
Sustainable											
	Reduce transportation impacts to natural resources					▲				▲	
	Make transportation infrastructure more resilient to natural and manmade events					▲				▲	
	Limit transportation system emissions of greenhouse gases					▲				▲	
	Promote financially sustainable transportation system investments	▲							▲	▲	
	Promote transportation decisions that follow State of Iowa Smart Planning Principles					▲				▲	


Goals & Objectives – Planning Factors

Goal	Objectives	Federal Planning Factors									
		1 - Economic Vitality	2 - Safety	3 - Security	4 - Accessibility and Mobility for People and Freight	5 - Environment and Energy Conservation, Quality of Life, Economic Development	6 - System Integration and Connectivity for People and Freight	7 - Efficient Operation and Management	8 - Preserve the existing transportation system	9 - System Resiliency and Reliability; reduce or mitigate stormwater impacts	10 - Enhance Travel and Tourism
Efficient and Reliable											
	Identify context-sensitive strategies and projects that improve traffic flow in corridors with high levels of peak period congestion.				▲			▲			
	Maintain acceptable travel reliability on Interstate and principal arterial roadways				▲			▲			
	Provide frequent transit service to high trip generation locations				▲	▲		▲			
	Increase the regional share of trips made by walking, biking, and transit							▲			
	Improve freight system reliability	▲			▲		▲	▲			
	Identify technology solutions to enhance system operation				▲		▲	▲			
Placemaking											
	Provide transportation strategies and infrastructure that support current adopted plans				▲	▲	▲				
	Increase the percentage of population and employment within close proximity to transit and/or walking and biking system	▲				▲					
	Provide transportation investments that fit within their context						▲				
	Connect activity centers and adjoining developments with complete streets	▲			▲	▲	▲				▲
Preservation											
	Maintain NHS routes in good condition while minimizing routes in poor condition								▲		
	Maintain NHS bridges in good condition while minimizing bridges in poor condition								▲		

Performance-Based Planning Approach



Performance Measure Example

Goal	Objectives	Performance Measure	Project Scoring Approach			
			+2	+1	0	-1
Accessible						
	Improve walk, bike, and transit system connections	Multi-modal connectivity ranking	Creates or improves connection between two or more modes	Creates or improves connections for non-motorized or transit modes	No impact on connectivity for non-motorized or transit modes	Non-motorized or transit connection is removed, or barrier to non-motorized or transit modes is created
	Improve bicycle and pedestrian access to CyRide routes	Transit accessibility ranking				
	Provide appropriate arterial, collector, bicycle, pedestrian, and transit corridor spacing	System Connectivity Assessment	New Multimodal network connection where a gap of ½ mile or more existing before.	Provides a new connection between two existing facilities, or an extension of an existing facility	-	-
	Provide improved access to transit for transit dependent, disabled, and disadvantaged populations	Transit accessibility ranking	Improves transit accessibility in identified EJ area	-	Does not impact transit accessibility in identified EJ area	Removes or creates barriers to transit accessibility in identified EJ area
	Incorporate bicycle, pedestrian, and transit-friendly infrastructure in new developments	Multi-model corridor extensions	Extends a bike, pedestrian, or transit corridor closer to an identified future development growth area.	-	Does not extend a bike, pedestrian, or transit corridor closer to an identified future development growth area.	Reduces facility connectivity.

Alternatives Development Online Meeting

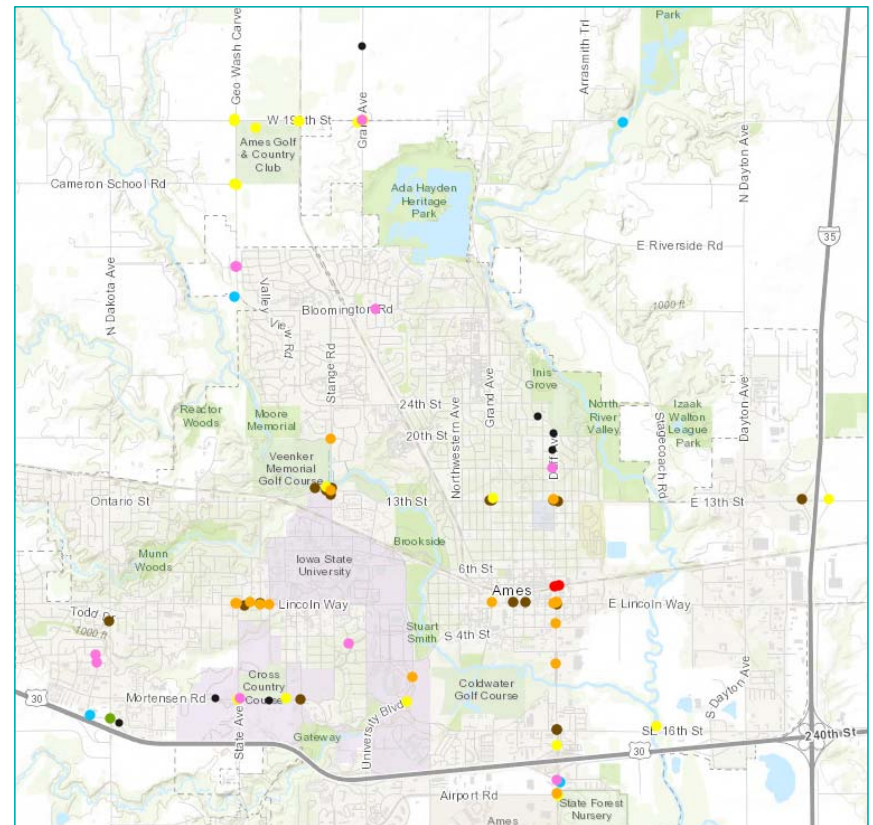
Online Open House Engagement & Participation

- Open March 31 – April 14, 2020
- 443 total views
- 193 total responses

Roadway Comment Mapping Results

- 85 total comments

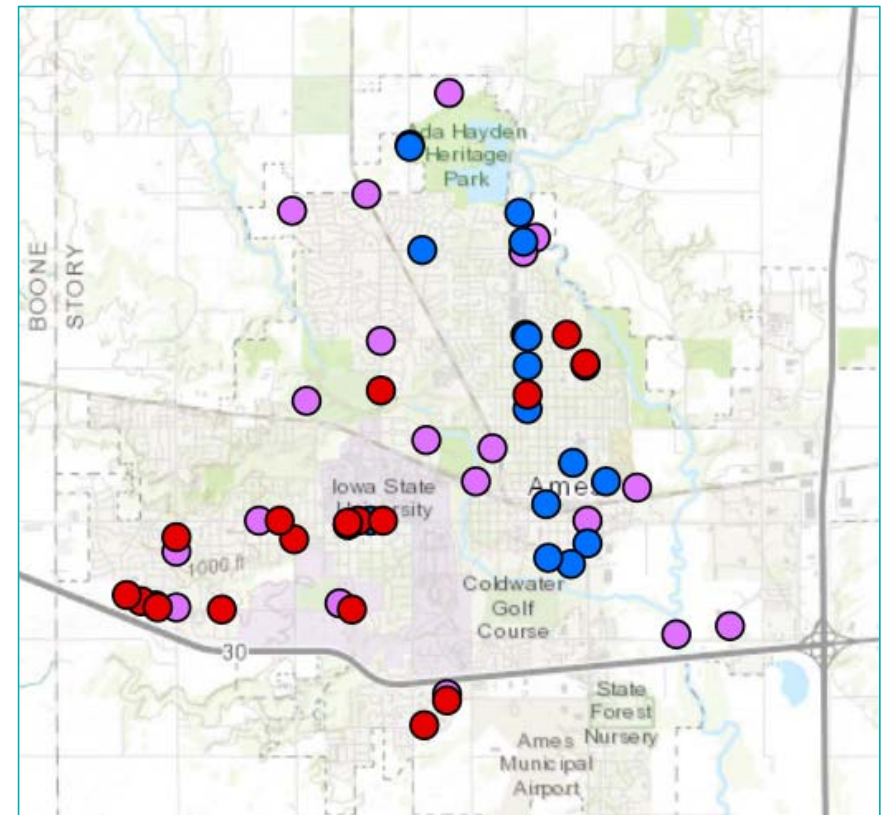
Proposed Strategies	# of Comments
More Travel Lanes (Street Widening)	10
New Traffic Signals	16
Traffic Signal Timing Optimization/Coordination	18
Roundabouts	15
Turn Lanes	19
Medians	1
Expressway	4
Grade Separations	2



Bike/Ped Comment Mapping Results

- 56 total comments

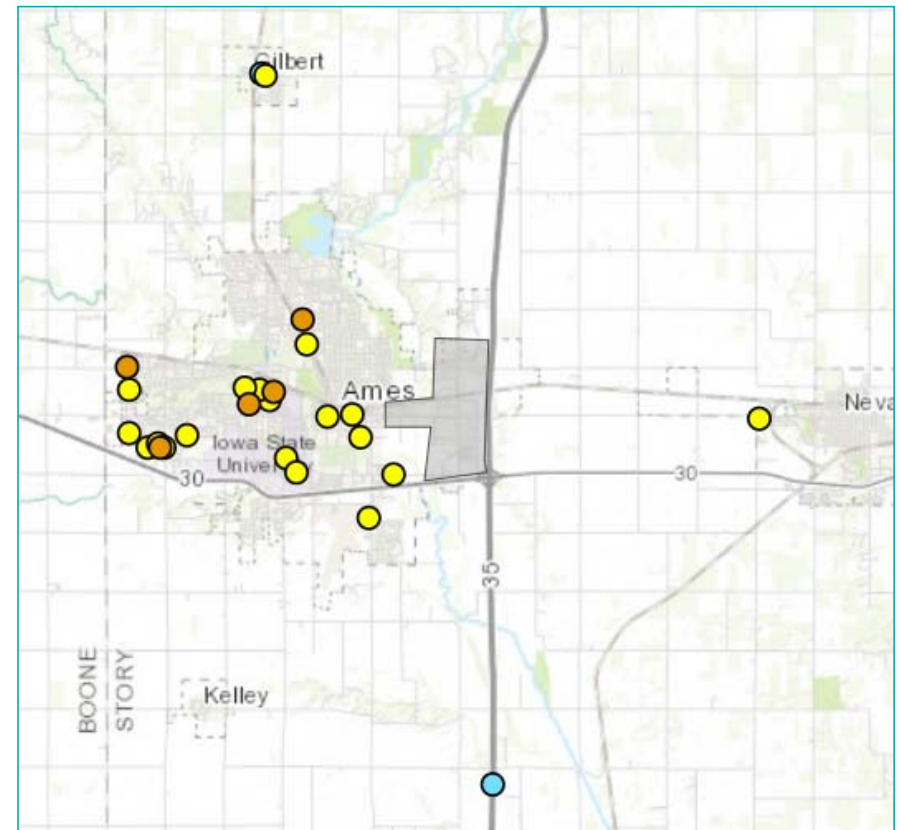
Proposed Strategies	# of Comments
Pedestrian Strategies (High Visibility Crosswalks; Shorter Crossings; Leading Pedestrian Interval)	18
Bike Strategies (New/Improved Trail or Sidepath; Grade-Separated Crossing)	17
Bike/Ped Strategies (Blvd; Lanes; Cycle Tracks/Protected Bike Lanes; Intersection Treatments for Bike Facilities; Wayfinding; Actuated Signals)	21



Transit Comment Mapping Results

- 26 total comments

Proposed Strategies	# of Comments
Increased Hours of Service	0
Increased Frequency	5
New Route or Extension	19
Express Route	0
Intercity Bus	2
Ridesharing	0

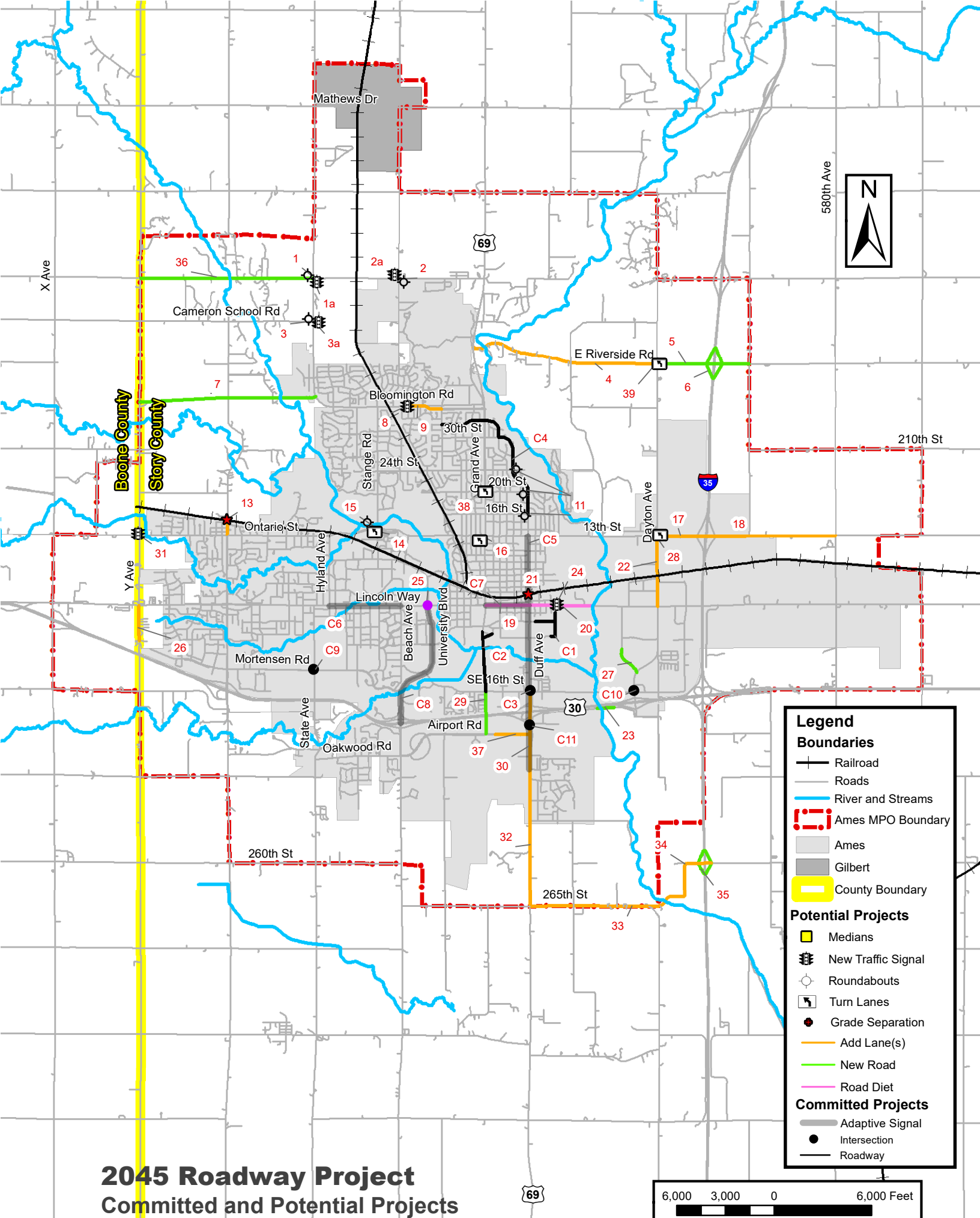


Potential Alternatives to be Considered

Potential Alternatives to be Considered

Multiple Sources of Input

- Technical Analysis (Traffic & Safety)
- Online Public Open House
- Transportation Technical Committee
- Other Plans & Studies



2045 Roadway Project Committed and Potential Projects

Legend

Boundaries

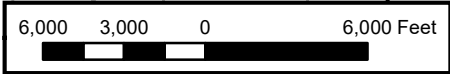
- Railroad
- Roads
- River and Streams
- Ames MPO Boundary
- Ames
- Gilbert
- County Boundary

Potential Projects

- Medians
- New Traffic Signal
- Roundabouts
- Turn Lanes
- Grade Separation
- Add Lane(s)
- New Road
- Road Diet

Committed Projects

- Adaptive Signal
- Intersection
- Roadway



69

580th Ave

X Ave

Boone County
Story County

Cameron School Rd

Mathews Dr

69

E Riverside Rd

Bloomington Rd

210th St

30th St

24th St

Grand Ave

20th St

16th St

Dayton Ave

13th St

Ontario St

Stange Rd

Hyland Ave

Lincoln Way

Beach Ave

University Blvd

SE 16th St

Mortensen Rd

State Ave

Oakwood Rd

Airport Rd

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Preliminary List of Candidate Roadway Alternatives

DRAFT - 7/01/2020

COMMITTED PROJECTS

ID	Project Description	Type
C1	Cherry Ave from Lincoln Way to SE 5th Street - Add New Road	New Road
C2	Grand Ave from S 3rd St to S 16th St - Add New Road	New Road
C3	Duff Ave & S 16th Street - Add Turn Lanes	Turn Lanes
C4	Hoover Ave & 30th St to Duff Ave & 13th St - Road Diet to 3 Lanes	Road Diet
C5	Duff Ave from 13rd St to Crystal St - Add Adaptive Signal Control Technologies	Traffic Signal
C6	Lincoln Way from Beach Ave to Hyland Ave - Add Adaptive Signal Control Technologies	Traffic Signal
C7	Lincoln Way from Grand Ave to Duff Ave - Add Adaptive Signal Control Technologies	Traffic Signal
C8	University Blvd from Lincoln Way to US30 - Add Adaptive Signal Control Technologies	Traffic Signal
C9	State Ave & Mortensen Rd - Traffic Signal & Turn Lanes	Traffic Signal/Turn Lanes
C10	SE 16th St & Dayton Ave - Traffic Signal	Traffic Signal
C11	Duff Ave & US30 EB Ramp - Traffic Signal	Traffic Signal

CANDIDATE PROJECTS

ID	Project Description	Type
1	520th Ave & W 190th St - Roundabout	Roundabout
1a	520th Ave & W 190th St - Traffic Signal & Turn Lanes	Traffic Signal/Turn Lanes
2	530th Ave/Grant Ave & W 190th St - Roundabout	Roundabout
2a	530th Ave/Grant Ave & W 190th St - Traffic Signal & Turn Lanes	Traffic Signal/Turn Lanes
3	520th Ave & Cameron School Rd - Roundabout	Roundabout
3a	520th Ave & Cameron School Rd - Traffic Signal widen to 3-lanes to Weston Dr	Traffic Signal/Add Lane(s)
4	E Riverside Rd to from Grand Ave to N Dayton Ave - Widen to 3 Lanes	Add Lane(s)
5	E Riverside Rd from N Dayton Ave to 570th Ave - Add New 3-Lane Road & I-35 Overpass	New Road
6	E Riverside Rd & I-35 - New Interchange (remove 190th St/I-35 Interchange)	New Interchange
7	Bloomington Rd from George Washington Carver Ave to N 500th Ave - New Road	New Road
8	Hyde Ave & Bloomington Rd - Traffic Signal	Traffic Signal
9	Bloomington Rd from Hyde Ave to Hoover Ave - Widen to 4 Lanes	Add Lane(s)
11	Duff Ave & 16th/20th/24th St Roundabout/Traffic Circle	Roundabout
13	N Dakota from Ontario St to UPRR - Widen to 3 Lanes with Grade Separation	Add Lane(s)/Grade Separation
14	13th St & Stange Road - N/S Left Turn Lanes	Turn Lanes
15	13th St & Stange Road - Roundabout	Roundabout
16	13th St & Grand Ave - Left Turn Lanes (All Approaches)	Turn Lanes
17	13th St from Dayton Ave to 570th Ave - Widen to 6 Lanes/Reconstruct Interchange	Add Lane(s)
18	13th St from 570th Ave to 580th Ave - Widen to 4 Lanes	Add Lane(s)
19	Lincoln Way from Grand Ave to Duff Ave - Road Diet from 4 Lanes to 3 Lanes	Road Diet
20	Lincoln Way from Duff Ave to South Skunk River - Road Diet from 4 Lanes to 3 Lanes	Road Diet
21	Duff Ave & UPRR Crossing - Grade Separation	Grade Separation
22	Dayton Ave from 13th St to Lincoln Way - Widen to 5 Lanes	Add Lanes
23	Sport Complex Road to Relocated South Dayton Avenue - Add New Road	New Road
24	Lincoln Way & Cherry Ave - Traffic Signal & Turn Lanes	Traffic Signal/Turn Lanes
25	Lincoln Way & University Blvd - Intersection Diet/Protected Intersection	Road Diet
26	Y Street from Lincoln Way to Mortensen Rd - Pave 3 Lanes	Add Lanes
27	Freel Dr from Lincoln Way to Dayton Ave - Add New Road	New Road
28	13th Street & Dayton Ave - Add turn lane(s)	Turn Lanes
29	Grand Ave from S 16th Street to Airport Rd - New Road w/ Traffic Signal @ Airport Road	New Road
30	Duff Ave from S 16th Street to Airport Rd - Widen to 6 Lanes/Reconstruct Interchange	Add Lane(s)
31	Lincoln Way & Y Street - Traffic Signal & Turn Lanes	Traffic Signal/Turn Lanes
32	Duff Ave from Airport Rd to 265th St - Widen to 5 Lanes	Add Lane(s)
33	265th St from Duff Ave to Skunk River - Pave to 3 Lanes	Add Lane(s)
34	265th St from Skunk River to I-35 - Pave to 2 Lanes	Add Lane(s)
35	265th St & I-35 - New Interchange	New Road
36	190th St from 520th Ave to 500th Ave - Pave & Extend Road	New Road
37	Airport Rd from Duff Ave to Sam's Club - Improve Roadway/Access	Add Lane(s)
38	Grand Ave & 20th St - Left Turn Lanes	Turn Lanes
39	Dayton Ave & Riverside Rd - Add Left Turn Lanes	Turn Lanes

LEGEND

Potential Projects

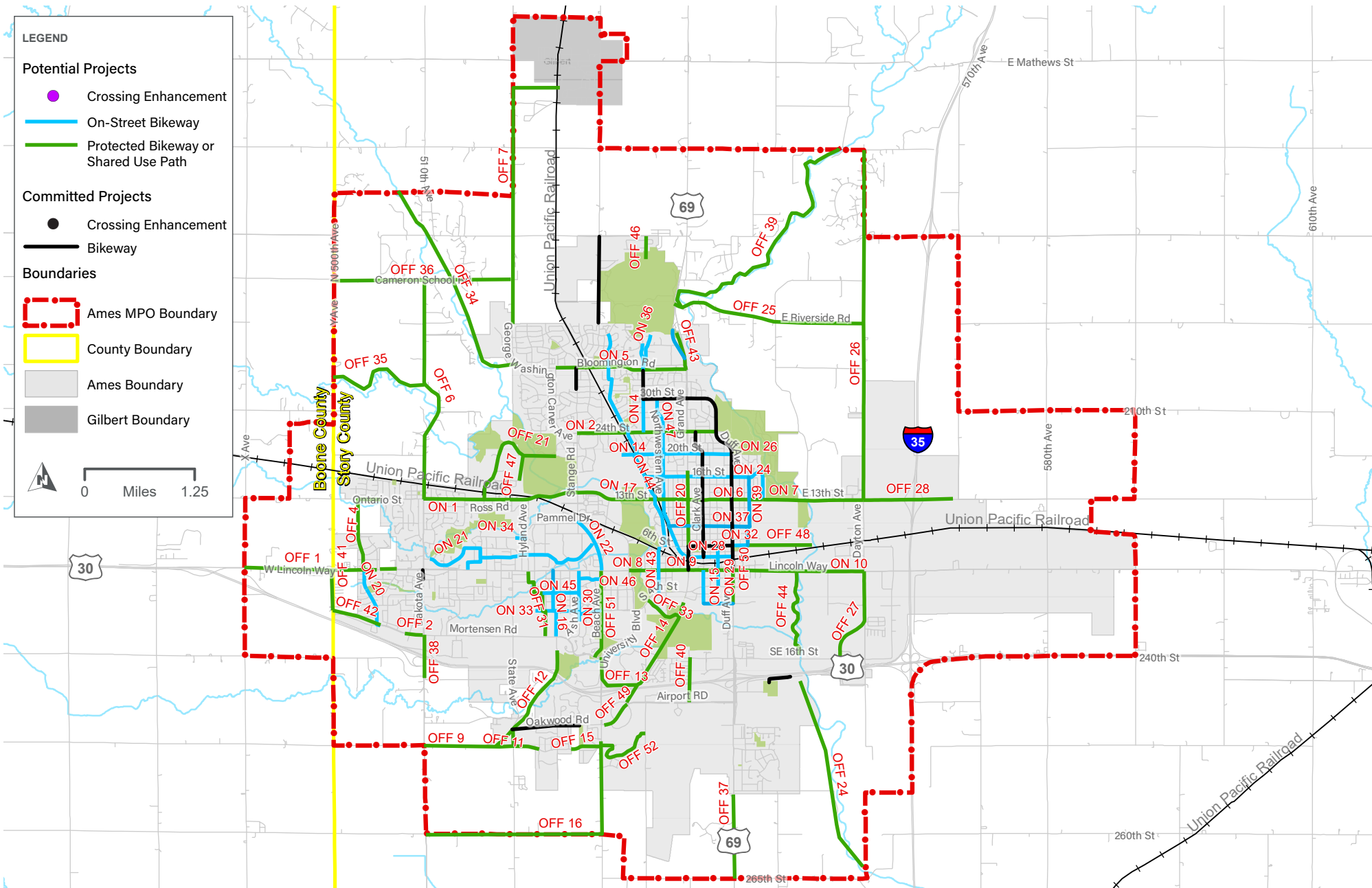
- Crossing Enhancement
- On-Street Bikeway
- Protected Bikeway or Shared Use Path

Committed Projects

- Crossing Enhancement
- Bikeway

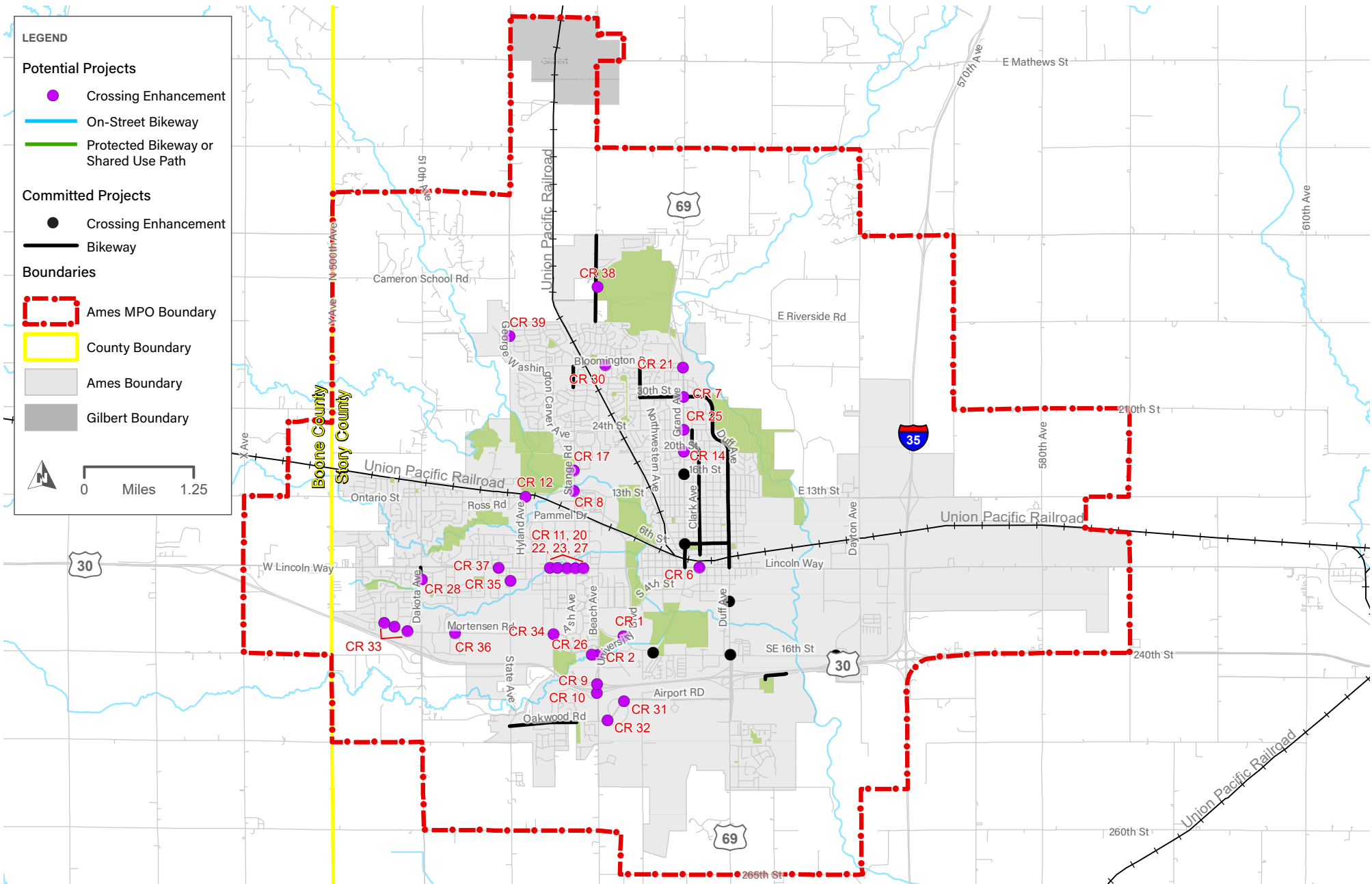
Boundaries

- Ames MPO Boundary
- County Boundary
- Ames Boundary
- Gilbert Boundary



2045 Bike and Pedestrian Projects
Committed and Potential Projects





2045 Bike and Pedestrian Projects

Committed and Potential Projects



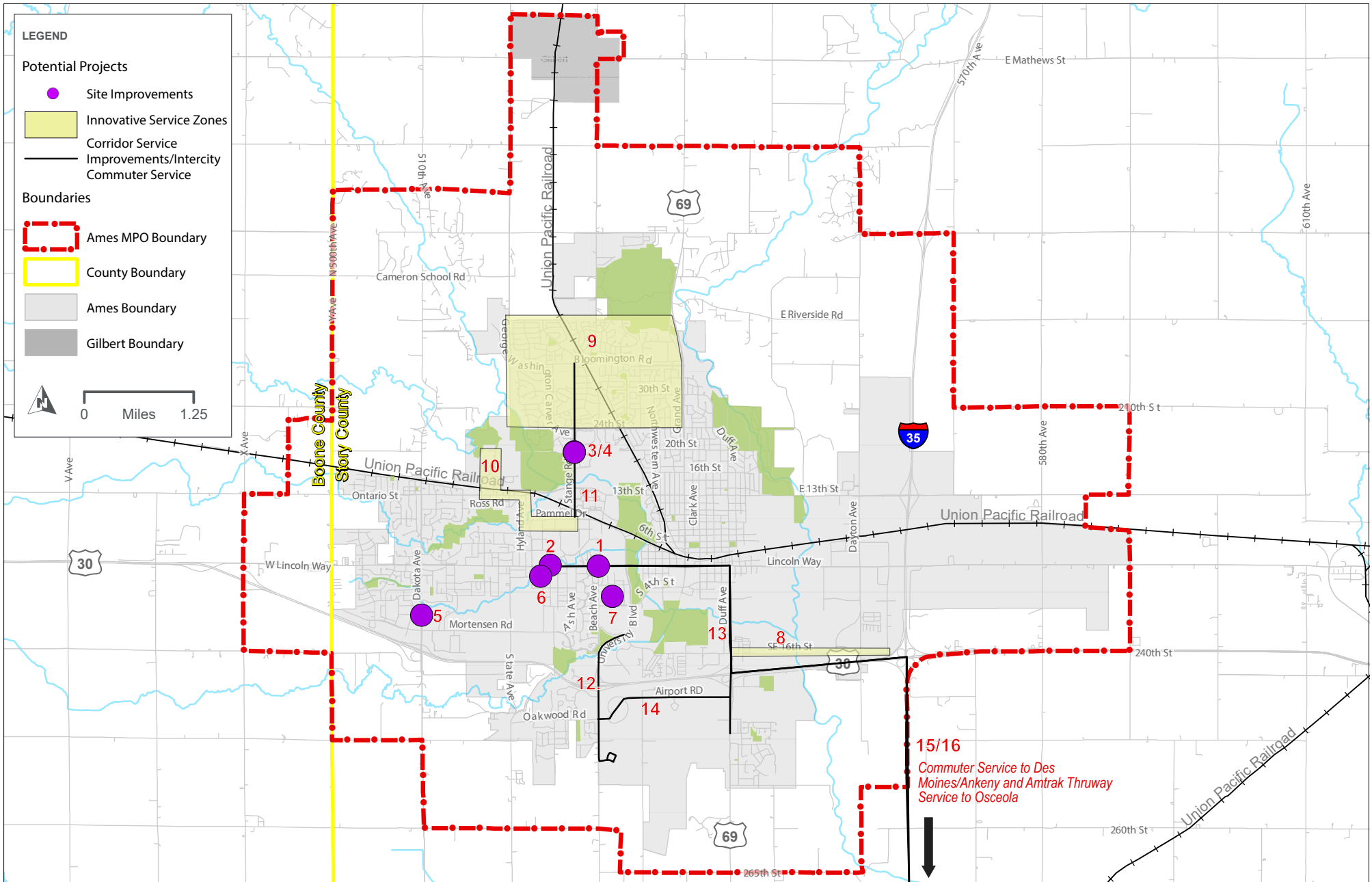
Committed Bicycle/Pedestrian Projects

7/1/2020

ID	Description	Type
C 1	Intersection of Dayton / S 16th - Improve visibility for crossing	Crossing
C 2	Intersection of Duff / S 16th St - Improve crossing visibility, median refuge. Part of project 44A.	Crossing
C 3	Intersection of Grand / 6th St - Improve crossing visibility of Grand	Crossing
C 4	S 16th midblock trail crossing near Vet Med - High visibility treatment for trail cross-over	Crossing
C 5	Intersection of Grand / (N) 16th St - Cycling Enhancements to support 16th Street Bike Route	Crossing
C 6	Intersection of Duff / S 5th - Improve crossing visibility of Duff and 5th. Part of project 44A.	Crossing
C 7	N Walnut Sharrows	Bike Boulevard
C 8	North Duff Bike Lanes	Bike Lane
C 9	30th St Bike Lanes	Bike Lane
C 10	6th Street Bike Lanes	Bike Lane
C 11	Hoover Ave bike lanes from 30th to Bloomington Rd	Bike lanes
C 12	Grand Ave Side Path between Lincoln Way and 6th Street	Shared-use path
C 13	Skunk River - South Duff Trail Connection along Billy Sunday Rd.	Shared-use path
C 14	Gilbert to Ames trail - Hyde Ave south of W 190th St	Shared-use path
C 15	Stange Road to Bloomington Trl	Shared-use path
C 16	Oakwood Side Path	Shared-use path
C 17	S Dakota Side Path	Shared-use path

Preliminary List of Potential Bicycle/Pedestrian Projects 7/1/2020

ID	Descriptions	Type
CR 1	Intersection of University / Mortensen - Improve visibility / safety at Mortensen	Crossing
CR 10	Intersection of US 30 / University North Ramp - Crossing Visibility / Signal improvements	Crossing
CR 11	Intersection of Lincoln Way / Welch- Improvements for crossing visibility and safety	Crossing
CR 12	Intersection of Hyland / Ontario - Improvements for crossing visibility and safety	Crossing
CR 14	Intersection of 20th / Grand - Crossing / Signal Improvements for bikes	Crossing
CR 17	Stange at Bruner Dr Midblock - Improve crossing visibility / consider crossing signal	Crossing
CR 2	Intersection of University / S 16th St - Consider median crossing or pedestrian refuge	Crossing
CR 20	Intersection of Lincoln Way / Lynn - - Improvements for crossing visibility and safety	Crossing
CR 21	Intersection of Grand / Bloomington Rd - Crossing Visibility / Signal improvements	Crossing
CR 22	Intersection of Lincoln Way / Ash- Improvements for crossing visibility and safety	Crossing
CR 23	Intersection of Lincoln Way / Knoll - Improvements for crossing visibility and safety	Crossing
CR 25	Intersection of Grand / 24th St- Improvements for crossing visibility and safety	Crossing
CR 26	Beach / Mortensen crossing to provide safer crossing than University / Mortensen.	Crossing
CR 27	Lincoln Way / Stanton - Improvements for crossing visibility and safety	Crossing
CR 28	Intersection of South Dakota Ave / Todd Dr- Improvements for crossing visibility and safety	Crossing
CR 29	Intersection of South Dakota Ave / Mortensen Rd- Improvements for crossing visibility and safety	Crossing
CR 30	Intersection of Bloomington Rd / Eisenhower Ave- Improvements for crossing visibility and safety	Crossing
CR 31	Intersection of Airport Rd / S Loop Dr (location 1)- Improvements for crossing visibility and safety	Crossing
CR 32	Intersection of Airport Rd / S Loop Dr (location 2)- Crosswalks across Airport Rd	Crossing
CR 33	Intersection of Mortensen Rd / Wilder Blvd, Mortensen Rd / Miller Ave, Mortensen Rd / Poe Ave- Improvements for crossing visibility and safety	Crossing
CR 34	Intersection of Mortensen Rd / Welch Ave - ped signal	Crossing
CR 35	Intersection of State Ave / Arbor St- beacon/signal upgrade	Crossing
CR 36	Intersection of Mortensen Rd / Seagrave Blvd- beacon/signal upgrade	Crossing
CR 37	Intersection of Wilmoth Ave / Lincoln Way- Improvements for crossing visibility and safety	Crossing
CR 38	Bike/ped crossing to Ada Hayden from Hyde	Crossing
CR 39	Intersection of Weston / George W Carver - add crosswalk/ other safety improvements	Crossing
CR 40	Intersection of Lincoln Way / Walnut - improvements for crossing visibility and safety (on bikeway) Implement with project ON-15	Crossing
CR 41	Intersection of Grand Ave / 13th St - improvements for crossing visibility and safety (on bikeway) Implement with project ON-6 and roadway project 16	Crossing
CR 42	Intersection of Lincoln Way / University - Protected intersection. Roadway project 25	Crossing
CR 43	Intersection of Lincoln Way / Hyland - improvements for crossing visibility and safety (bike and pedestrian)	Crossing
CR 44	Intersection of University Blvd / Oakwood Rd - add RRFB at roundabout	Crossing
CR 45	Intersection of University / S 4th St - protected intersection	Crossing
CR 46	Intersection of Lincoln Way / Beach Ave	Crossing
CR 47	Intersection of Beach Ave / S 4th	Crossing
CR 48	Intersection of Hyland Ave / Lincoln Way	Crossing
CR 6	Intersection of Lincoln Way / Clark - Improve crossing visibility	Crossing
CR 7	Intersection of Grand / 30th St - Crossing Visibility / Signal improvements	Crossing
CR 8	Intersection of Stange / 13th St - Improvements for trail crossing visibility	Crossing
CR 9	Intersection of US 30 / University South Ramp - Crossing Visibility / Signal improvements	Crossing
OFF 1	West Lincoln Way Sidepath to MPO Boundary	Shared-use path
OFF 11	Zumwalt to Cottonwood Trail Connection	Shared-use path



Preliminary List of Candidate Transit Alternatives

DRAFT - 6/30/2020

COMMITTED PROJECTS

ID	Description	Type
1	Vehicle Replacement/Expansion	Rolling Stock
2	HVAC Rehabilitation/Replacement	Facilities
3	Maintenance Bay Ventilation Improvements	Facilities
4	Bus Stop Annunciator LED Signage	Technology

CANDIDATE PROJECTS

ID	Description	Type
1	Lincoln & Beach - Add Transit Signal Priority	Transit Signal Priority
2	Lincoln & Welch - Add Transit Signal Priority	Transit Signal Priority
3	Stange & Blankenburg - Add New Signal	New Signal
4	Stange & Blankenburg - Add Pedestrian Crossing	Pedestrian Crossing
5	South Dakota & Steinbeck - Add Pedestrian Crossing	Pedestrian Crossing
6	Ames Intermodal Facility Improvements	Facilities
7	Iowa State Center (ISC) - Implement Transit-Oriented Development in Conjunction with Redevelopment	Transit Oriented Development
8	South 16th Street - Add Innovative Transit Service Zone	Service
9	North Ames (Somerset/Northridge/Valley View) - Add Innovative Transit Service Zone	Service
10	Applied Sciences - Add Innovative Transit Service Zone	Service
11	Stange Road from Bloomington to University - Corridor Service Improvements	Service
12	University Blvd from ISC to ISU Research Park - Corridor Service Improvements	Service
13	South Duff from Lincoln to Crystal - Corridor Service Improvements	Service
14	Airport Road from South Duff to University - Corridor Service Improvements	Service
15	Ames to Ankeny and Des Moines Intercity/Commuter Service	Service
16	Amtrak Thruway from Ames to Osceola Intercity/Commuter Service	Service
17	Vehicle Replacement/Expansion	Rolling Stock
18	Battery Electric Buses	Rolling Stock
19	Battery Electric Bus Charging Infrastructure	Facilities
20	Battery Electric Bus Facility Modifications	Facilities
21	Facility Expansion	Facilities
22	Automatic Passenger Counters (APCs) for Full Fleet to Collect Stop-Level Ridership Data	Technology
23	Automatic Vehicle Location (AVL) Technology Upgrades	Technology
24	Real-Time Passenger Information - Vehicle Location and Passenger Loads	Technology
25	On-Demand Trip Booking App for East Ames Service Extension (EASE) and Moonlight Express	Technology
26	Electronic Farebox System	Fares
28	Regional Commuter Study (North Ames, Nevada, Gilbert, Boone, etc.)	Planning
29	Late-Night Service Effectiveness Study	Planning
30	Identify Locations and Install Benches, Shelters, and Heated Bus Shelters	Passenger Amenities
31	Add Passenger Information at Bus Stops	Passenger Amenities
32	Add LED Signage and Real-Time Passenger Information at Major Bus Stops	Passenger Amenities
33	Transit and Bicycle Integration - Roadway Improvement Projects	Multimodal Integration

Next Steps:

- Analyze Potential Alternatives
- Prioritize Potential Alternatives
- Develop Financial Forecasts
- Develop Draft Constrained Plan Projects
- ***Present to Policy Committee (Sept)***
- Develop Draft Plan
- Develop Final Plan
- ***Present to Policy Committee (Oct)***



Questions?

